



Air Force Invention No. AFB00500

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On 29 June 2005  
(DATE OF DEPOSIT)

Thomas C. Stover 22,531  
NAME OF APPLICANT, ASSIGNEE, OR REG. REP.

T. Stover 29 June 2005  
SIGNATURE DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Mark Ahmadjian et al  
Serial No. 09/862,788  
Filed: 18 May 2001  
For: **PLUME DETECTOR**

Group Art Unit: 2876  
Examiner: A. Kim

Honorable Commissioner for Patents  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT AFTER ALLOWANCE UNDER 37 CFR 1.312**

In response to the Notice of Allowance dated 3-29-05, please amend the above-identified application by adding new dependent claims, 17-21, to allowed claims 1-16, as listed below:

--Enter this Amendment  
AK 8/1/05 --